11-6625-316-20 P

*TM 11-6625-316-20P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

ELECTRON TUBE TEST SETS TV-2/U, TV-2A/U, TV-2B/U, AND TV-2C/U FSN 6625-669-0263

Headquarters, Department of the Army, Washington, D.C.
17 September 1973

Current as of February 1973

			Paragraph	Page
SECTION	I.	INTRODUCTION		
		Scope	1-1	2
		General	1-2	2
		Explanation of columns	1-3	2
		Special information	1-4	4
		Location of repair parts	1-5	4
		Abbreviations (Not applicable)	1-6	4
		Reporting of equipment publication improvements	1-7	4
	II.	PRESCRIBED LOAD ALLOWANCE (Not applicable)		
	III.	REPAIR PARTS LIST		6
	IV.	SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable)		
	V.	INDEX—FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER		8

*This manual supersedes TM 11-6625-316-20P, 2 March 1961.

READEX FICHE best copy available

D 101.11:

SECTION I

INTRODUCTION

1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational maintenance of the TV-2/U, TV-2A/U, TV-2B/U, and TV-2C/U. The PCCN for the equipment is GTEABO for all models.

1-2. General

This repair parts and special tools list is divided into the following sections:

a. Prescribed Load Allowance (PLA)—Section II. Not applicable.

b. Repair Parts List—Section III. A list of repair parts authorized for the performance of maintenance at the organizational level. This repair parts list is arranged in alphabetical order.

c. Special Tools, Test and Support Equipment—Section IV. Not applicable.

d. Index—Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number—Section V. A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

1-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists—

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source code.* Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are—

Code	*Explanation*
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production facilities would prove uneconomical to reproduce at a later time.
KD	An item of depot overhaul repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance.
KB	Item included in both a depot overhaul repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at direct support maintenance level.
MH	Item to be manufactured or fabricated at general support maintenance level.
MD	Item to be manufactured or fabricated at depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.

XC—Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturers' part number.

XD—Support items can be requisitioned with justification.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code Format as follows—

(*a*) *Use (third position).* The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.

Code	*Application/Explanation*
O	Support item is removed, replaced, used at the organizational level of maintenance.

NOTE

A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.

F	Support item is removed, replaced, used at the direct support maintenance level.
H	Support item is removed, replaced, used at the general support maintenance.
D	Support items that are removed, replaced, used at depot only.

(*b*) *Repair (fourth position).* The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). When a maintenance code is not used a dash (-) sign is entered. For multiservice equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code—

Code	*Application/Explanation*
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is direct support.
H	The lowest maintenance level capable of complete repair of the support item is general support.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated Specialized Repair Activity.
Z	Non-repairable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the uniform SMR Code Format as follows—

Code	*Explanation*
Z	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
O	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Repairable item. Repair, condemnation, and disposal not authorized below depot Specialized Repair Activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material).

b. Federal Stock Number. Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code

for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government agency, etc., and is identified in SB 708-42.

d. Unit of Measure (U/M). Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation; e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. Quantity Incorporated in a Unit. This column indicates the quantity of the item used in the equipment. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF".

f. 15-Day Organizational Maintenance Allowance.

(1) The repair parts indicated by an asterisk in the allowance column represent those authorized for use at the organizational category, and will be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Major Army commanders are authorized to approve reduction in the range of support items authorized for use in units within their commands. Recommendations for increase in range of items authorized for use will be forwarded to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CRA, Fort Monmouth, N.J. 07703. Any changes approved will be reflected in a revision to the RPSTL.

(3) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other equipment.

g. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown in TM 11-6625-316-12.

(2) *Item number.* Indicates the item number or reference designation used to reference the item in the illustration.

1-4. Special Information

a. Usable on codes are included in column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are—

Code	*Used on*
AMF	TV-2/U
AMG	TV-2A/U
AMH	TV-2B/U
AMI	TV-2C/U

b. The following publication pertains to the equipment and its components:

TM 11-6625-316-12 Operator and Organizational Maintenance Manual: Test Sets, Electron Tube TV-2/U, TV-2A/U, TV-2B/U, and TV-2C/U.

1-5. Location of Repair Parts

a. This manual contains one cross-reference index (sec V) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is known. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers) are listed immediately following the last listed Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (sec V) and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure and item number or reference designation.

(2) Refer to the repair parts list (sec III) and locate the figure number (col 7a) and item number or reference designation (col 7b) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b of the repair parts list (sec III) until the item is located.

d. When the FSN, reference number, figure number, item number and reference designation are not known, scrutinize column 3 of the repair parts list (sec III), which is arranged in alphabetical order.

1-6. Abbreviations

Not applicable.

1-7. Reporting of Equipment Publication Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CRA, Fort Monmouth, NJ 07703.

(Next printed page is 6)

SECTION III

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(7) ILLUSTRATION (a) FIGURE NO.	(b) ITEM NO.
PAOZZ	6625-618-9929	ADAPTER, TEST X10P..... B246-502 (00641) AMH,AMI	EA	1	*	*	*	*	5	X10B
PAOZZ	6625-684-1189	ADAPTER, TEST X3P..... A1313 (00641) AMH,AMI	EA	1	*	*	*	*	5	X3B
PAOZZ	6625-618-9929	ADAPTER, TEST X7P..... B246-502 (00641) AMH,AMI	EA	1	*	*	*	*	5	X7B
PAOZZ	5935-234-8379	ADAPTER, TEST X13P..... SMB179212 (80063) AMH,AMI	EA	1	*	*	*	*	5	X13B
PAOZZ	5920-283-7178	CAP, ELECTRICAL NO-RIF-DESIG FOR FUSEHOLDER . 342003SA2 (75915)	EA	1	*	*	*	*	1	
PAOZZ	5999-230-1212	CLIP, ELECTRICAL W1A ELECTRICAL CLIPS 49C (76545)	EA	2	*	*	*	*	1	W1A
PAOZZ	5999-230-1212	CLIP, ELECTRICAL W2A ELECTRICAL CLIPS 49C (76545)	EA	2	*	*	*	*	1	W2A
PAOZZ	5960-272-9182	ELECTRON TUBE V2..... 6X4W (81350)	EA	2	*	*	*	*	17	V2
PAOZZ	5960-272-9182	ELECTRON TUBE V3..... 6X4W (81350)	EA	2	*	*	*	*	17	V3
PAOZZ	5960-100-7329	ELECTRON TUBE V1..... 83 (81350)	EA	1	*	*	*	*	17	V1
PAOZZ	5920-010-6652	FUSE, CARTRIDGE F1..... 312003 (75915)	EA	2	*	*	*	*	14	F1
PAOZZ	5920-010-6652	FUSE, CARTRIDGE F2..... 312003 (75915)	EA	2	*	*	*	*	14	F2
PAOZZ	5970-281-0346	INSULATOR, CLIP W1 ..... 4989D (76545)	EA	1	*	*	*	*	5	W1B
PAOZZ	5970-383-1313	INSULATOR, CLIP W2P..... 4989LACK (76545)	EA	1	*	*	*	*		W2B
PAOZZ	5355-160-5913	KNOB R15..... 5246-3L (75376)	EA	14	*	*	*	*	1	R15
PAOZZ	5355-160-5913	KNOB R16..... 5246-3L (75376)	EA	14	*	*	*	*	1	R16
PAOZZ	5355-160-5913	KNOB R17..... 5246-3L (75376)	EA	14	*	*	*	*	1	R17
PAOZZ	5355-160-5913	KNOB R18..... 5246-3L (75376)	EA	14	*	*	*	*	1	R18
PAOZZ	5355-160-5913	KNOB R19..... 5246-3L (75376)	EA	14	*	*	*	*	1	R19
PAOZZ	5355-160-5913	KNOB R20..... 5246-3L (75376)	EA	14	*	*	*	*	1	R20
PAOZZ	5355-160-5913	KNOB R21..... 5246-3L (75376)	EA	14	*	*	*	*	1	R21
PAOZZ	5355-160-5913	KNOB R22..... 5246-3L (75376)	EA	14	*	*	*	*	1	R22
PAOZZ	5355-160-5913	KNOB R23..... 5246-3L (75376)	EA	14	*	*	*	*	1	R23
PAOZZ	5355-160-5913	KNOB R24..... 5246-3L (75376)	EA	14	*	*	*	*	1	R24
PAOZZ	5355-160-5913	KNOB R25..... 5246-3L (75376)	EA	14	*	*	*	*	1	R25
PAOZZ	5355-160-5913	KNOB R26..... 5246-3L (75376)	EA	14	*	*	*	*	1	R26
PAOZZ	5355-160-5913	KNOB R27..... 5246-3L (75376)	EA	14	*	*	*	*	1	R27
PAOZZ	5355-160-5913	KNOB R28..... 5246-3L (75376)	EA	14	*	*	*	*	1	R28
PAOZZ	5355-784-5667	KNOB R4..... 5643-70-111864 (75376)	EA	9	*	*	*	*	1	R4
PAOZZ	5355-784-5667	KNOB R5..... 5643-70-111864 (75376)	EA	9	*	*	*	*	1	R5
PAOZZ	5355-784-5667	KNOB R6..... 5643-70-111864 (75376)	EA	9	*	*	*	*	1	R6
PAOZZ	5355-784-5667	KNOB R7..... 5643-70-111864 (75376)	EA	9	*	*	*	*	1	R7
PAOZZ	5355-784-9603	KNOB R31..... 5246-3L (75376)	EA	1	*	*	*	*	1	R31
PAOZZ	5355-784-9603	KNOB R8..... KNB1934 (71279) AMP,AMI	EA	1	*	*	*	*	1	R8
PAOZZ	6240-223-9133	LAMP, GLOW I1C..... NE51 (03508)	EA	2	*	*	*	*		I1C
PAOZZ	6240-223-9133	LAMP, GLOW I2C..... NE51 (03508)	EA	2	*	*	*	*		I2C
PAOZZ	6210-181-4776	LAMP, INDICATOR I1R..... 2SCL688 (72619)	EA	1	*	*	*	*		I1B
PAOZZ	6210-784-3157	LAMP, INDICATOR I2R..... 2SCL688 (72619)	EA	1	*	*	*	*		I2B
PAOZZ	5960-784-5335	[illegible] H1..... 6H8C (15754)	EA	2	*	*	*	*	8	H1
PAOZZ	5960-784-5335	[illegible] H2..... 6H8C (15754)	EA	2	*	*	*	*	8	H2

SECTION III

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE — USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY. INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(7) ILLUSTRATION (a) FIGURE NO.	(b) ITEM NO.
PAOZZ	5960-295-7652	SHIELD, ELECTRON TUBE E1..... TS102U03 (81350)	EA	2	*	*	*	*	9	E1
PAOZZ	5960-295-7652	SHIELD, ELECTRON TUBE E2..... TS102U03 (81350)	EA	RFF	*	*	*	*	8	E2

SECTION V

INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

STOCK NUMBER	FIGURE NO.	ITEM NO.
5355-160-5910	1	015
5355-160-5910	1	016
5355-160-5910	1	017
5355-160-5910	1	018
5355-160-5910	1	019
5355-160-5910	1	020
5355-160-5910	1	021
5355-160-5910	1	022
5355-160-5910	1	023
5355-160-5910	1	024
5355-160-5910	1	025
5355-160-5910	1	026
5355-160-5910	1	027
5355-160-5910	1	028
5355-284-5600	1	031
5355-284-5667	1	04
5355-284-5667	1	05
5355-284-5667	1	06
5355-284-5667	1	07
5355-667-9675	1	08
5920-010-6652	14	F1
5920-010-6652	14	F2
5920-283-7178	1	
5935-204-8379	5	X138
5960-100-7323	17	V1
5960-249-5009	8	H1
5960-249-5009	8	H2
5960-272-9182	17	V2
5960-272-9182	17	V3
5960-295-7652	8	E1
5960-295-7652	8	E2
5975-281-0046	5	W1B
5975-383-1318		W2B
5999-230-1212	1	W1A
5999-230-1212	1	W2A
6210-188-8778		11A
6210-548-0157		12B
6240-223-9100		11C
6240-223-9100		12C
6625-618-9928	5	X79
6625-618-9929	5	X108
6625-684-1189	5	X38

REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.
A1313	00641	5	X38
B246-502	00641	5	X78
B246-502	00641	5	X108
KNA1004	71575	1	08
NE51	08108		11C
NE51	08108		12C
SMB179212	80063	5	X138
S246-3L	75376	1	015
S246-3L	75376	1	016
S246-3L	75376	1	017
S246-3L	75376	1	018
S246-3L	75376	1	019
S246-3L	75376	1	020
S246-3L	75376	1	021
S246-3L	75376	1	022
S246-3L	75376	1	023
S246-3L	75376	1	024
S246-3L	75376	1	025
S246-3L	75376	1	026
S246-3L	75376	1	027
S246-3L	75376	1	028
S643-70-11188	75376	1	04
S643-70-11188	75376	1	05
S643-70-11188	75376	1	06
S643-70-11188	75376	1	07
S645-3L	75376	1	031
TS102U03	81350	8	E1
TS102U03	81350	8	E2
25CLEAR	72619		11B
25PRED	72765		12B
312003	75915	14	F1
312003	78915	14	F2
342003SA2	75915	1	
4HAT	97983	8	H1
4HAT	97983	8	H2
48C	76545	1	W1A
48C	75545	1	W2A
49BLACK	76545		W2B
49RED	76545	5	W1B
6X4W	81350	17	V2
6X4W	81350	17	V3
83	81350	17	V1

By Order of the Secretary of the Army:

CREIGHTON W. ABRAMS
General, United States Army
Chief of Staff

Official:

VERNE L. BOWERS
Major General, United States Army
The Adjutant General

Distribution:

Active Army:

USASA (2)
CNGB (1)
ACSC-E (2)
USAARENBD (2)
USAMB (10)
AMC (1)
FORSCOM (5)
ARADCOM (2)
ARADCOM Rgn (2)
OS Maj Comd (4)
LOGCOMDS (5)
MICOM (2)
TECOM (2)
USASTRATCOM (4)
HISA (ECOM) (18)
MDW (1)
Armies (2)
Corps (2)
Svc Colleges (2)
USASESS (5)
USAADS (2)
USAFAS (2)
USAARMS (2)
USAIS (2)
USAES (2)
USAINTS (3)
USACDCEC (5)
Instl (2) except
  Fort Gordon (10)
  Fort Huachuca (10)
  Fort Carson (10)
  WSMR (2)
Army Dep (2) except
  LBAD (14)
  SAAD (30)
  TOAD (14)
  LEAD (7)
  ATAD (10)
USA Dep (2)
Sig Sec USA Dep (2)
Sig Dep (5)
Sig FLDMS (1)
USAERDAA (1)
USAERDAW (1)
MAAG (1)
USARMIS (1)
Ft Richardson (ECOM Ofc) (2)
WRAMC (1
Units org under fol TOE:
  (1 copy each)
  11-158
  29-134
  29-136

NG: State AG (3); Units—Same As Active Army

USAR: None

For explanation of abbreviations used, see AR 310-50.

☆U. S. GOVERNMENT PRINTING OFFICE : 1989 0 - 242-451 (5298)

PIN : 017100-000